Person

id: integer
firstName: string
lastName: string
dateOfBirth: date
city: string
investment: boolean
placement: boolean
childrenCount: Integer
familyStatus: FamilyStatus
score: double
createdAt: datetime
updatedAt: datetime

+ getMonthlyIncome(): double

Credit

- id: integer
- creditDate: date
- requestedAmount: double
- approvedAmount: double
- InterestRate: double
- durationInMonths: integer
- creditType: CreditType
- decision: DecisionEnum

Installement

- id: integer
- dueDate: date
- amount: double

+ calculateDelayedDays(): integer
+ isPaid(): boolean

PaymentRecord

- id: integer
- status: PaymentStatusEnum
- createdAt: datetime

Employee

- salary: double
- monthsInWork: integer
- position: string
- contractType: ContractType
- employmentSector: SectorType

+ getMonthlyIncome(): double

Professional

- income: double
- taxRegistrationNumber: string
- businessSector: SectorType
- activty: string

+ getMonthlyIncome(): double

Relationships:
- Person 1..1 — 0..* Credit
- Credit 1..1 — 0..* Installement
- Installement 1..1 — 0..* PaymentRecord
- Employee and Professional inherit from Person